In The Claims

JC17 Rec'd PCT/PTO 04 MAY 2005

Please amend the claims as follows:

1-33 (Cancelled)

- 34. (New) A device for controlled local delivery of rifaximin comprising rifaximicin and a bi-phasic material, said bi-phasic material consisting of a solid and elastic polymeric matrix and of interstitial water filling up the pores of said matrix.
- 35. (New) A device as claimed in claim 34 wherein the weight ratio between the water and the polymeric matrix is up to 10.
- 36. (New) A device as claimed in claim 34 said polymeric matrix comprises a polymer selected from the group consisting of polysaccharides, cellulose derivatives, alkyl-cellulose, hydroxyalkyl-cellulose and polyacrylates.
- 37. (New) A device as claimed in claim 34 wherein said polymeric matrix comprises polyvinylalcohol.
- 38.(New) A device as claimed in claim 37 wherein said polymeric matrix further comprises an acrylic polymer.
- 39. (New) A device as claimed in claim 38 containing between 0.5 wt% and 30 wt% of rifaximin, 10 wt% of polyvinylalcohol and between 0.2 wt% and 20 wt% of acrylic polymer.
- 40. (New) A device as claimed in claim 37 further comprising a bio-adhesive polymer.
- 41.(New) A device as claimed in claim 40 wherein said bio-adhesive polymer is selected from the group consisting of hydroxypropylmethylcellulose, alginates, carboxymethylcellulose, hydroxyethylcellulose and acrylic polymers.

- 42. (New) A device as claimed in claim 40 wherein said bio-adhesive polymer is homogeneously mixed into the polymeric matrix.
- 43. (New) A device as claimed in claim 40 wherein said bio-adhesive polymer is applied to the surface of the polymeric matrix.
- 44. (New) A device as claimed in claim 34 in the form of a film.
- 45. (New) A device as claimed in claim 34 containing in combination with rifaximin also other antibiotics and/or antiinflammatory and/or pain relief and/or anesthetic drugs.
- 46. (New) Method for the delivery of rifaximin in the oral cavity that comprises utilizing the device of claim 40.
- 47. (New) Process for the preparation of a device according to claim 38 comprising the following steps:
 - a) polyvinylalcohol, an acrylic polymer, rifaximin and, optionally a bioadhesive polymer are dissolved in water;
 - b) a divalent salt is added to the solution of step a)
- 48. (New) Process as claimed in claim 47 wherein said divalent salt is calcium chloride.
- 49.(New) Process as claimed in claim 47 wherein said divalent salt is added at a concentration of up to 2 wt%.
- 50. (New) Process as claimed in claim 47 wherein the solution of the step a) contains 10 wt% of polyvinylalcohol, between 0.2 wt% and 20 wt% of acrylic polymer and between 0.5 wt% and 30 wt% of rifaximin.